查询PSD-0505D供应商

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SMD SERIES

PSD-XXXXD 1KV ISOLATED 1W UNREGULATED DUAL OUTPUT SMD

Available Inputs: 5 and 12 VDC
Available Outputs: (+/-) 5, 9, 12 and 15 VDC
Other specifications please enquire.

Electrical Specifications

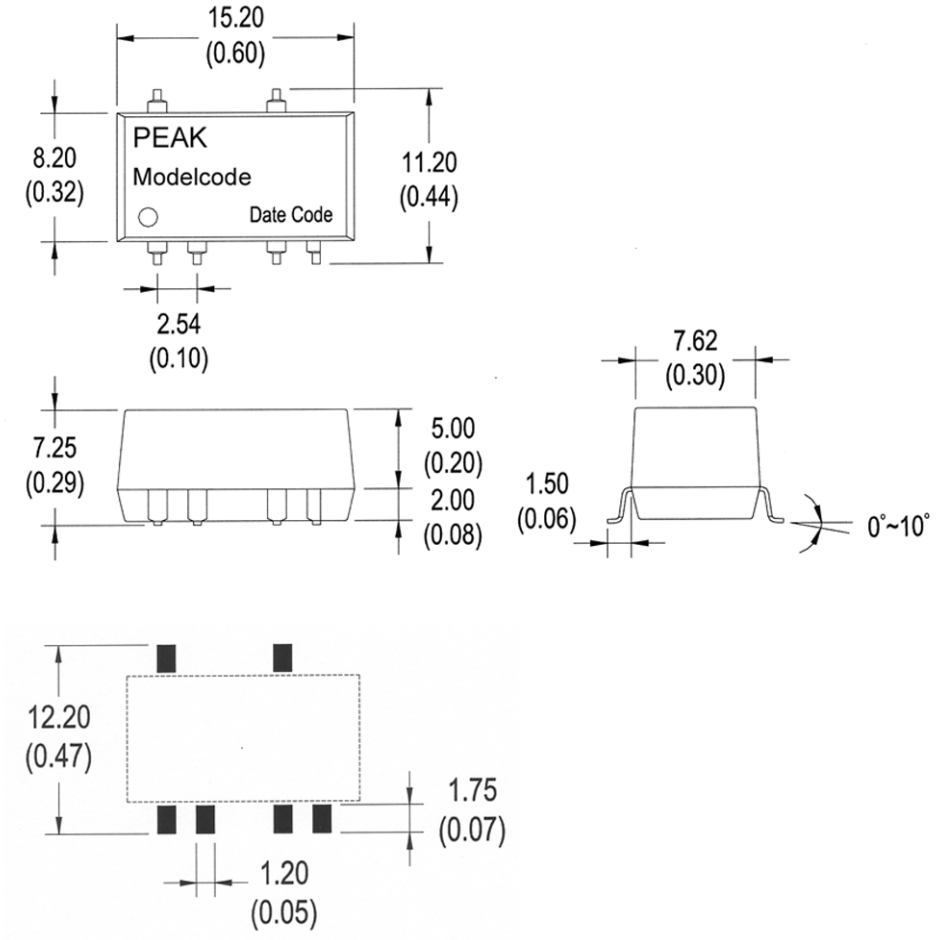
(Typical at + 25° C, nominal input voltage, rated output current unless otherwise specified)

Input Specifications	
Voltage range	+/- 10 %
Filter	Capacitors
Isolation Specifications	
Rated voltage	1000 VDC
Resistance	1000 MOhm
Output Specifications	
Voltage accuracy	+/- 5 %, max.
Ripple and noise (at 20 MHz BW)	50 mV p-p, max.
Short circuit protection	Momentary
Line voltage regulation	+/- 1,2 % / 1,0 % of Vin
Load voltage regulation	+/- 12 %, load = 20 ~ 100 % max.
Temperature coefficient	+/- 0,02 % / °C
General Specifications	
Efficiency	70 - 83 %
Switching frequency	100 KHz, typ.
Environmental Specifications	
Operating temperature (ambient)	- 40° C to + 85° C
Storage temperature	- 55 °C to + 125 °C
Derating	See graph
Humidity	Up to 90 %, non condensing
Cooling	Free air convection
Physical Characteristics	
Case material	Non conductive black plastic
Lead temp. 1.5 mm from case for 10 sec.	+300° C
Peak reflow temp. with CECC 00802 profile	+280° C

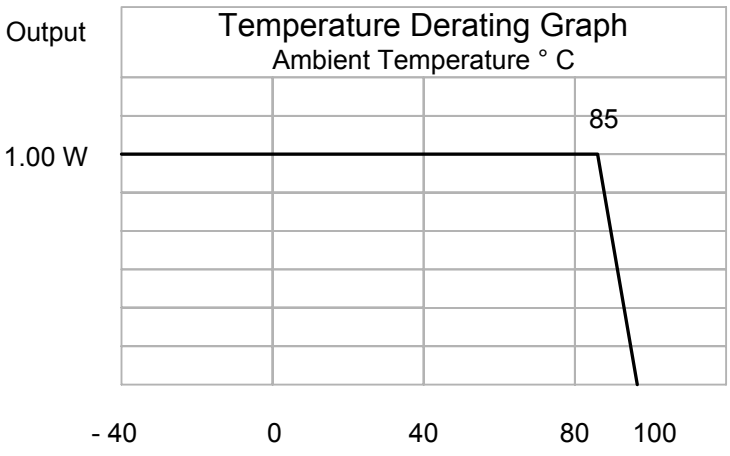
Partnumbers

PART NO.	INPUT VOLTAGE (VDC)	INPUT CURRENT FULL LOAD	OUTPUT VOLTAGE (VDC)	OUTPUT CURRENT (max. mA)	EFFICIENCY FULL LOAD (% TYP.)
PSD-0505D	5	281	+/- 5	+/- 100	71
PSD-0509D	5	256	+/- 9	+/- 56	78
PSD-0512D	5	258	+/- 12	+/- 42	78
PSD-0515D	5	252	+/- 15	+/- 34	81
PSD-1205D	12	114	+/- 5	+/- 100	73
PSD-1209D	12	106	+/- 9	+/- 56	79
PSD-1212D	12	104	+/- 12	+/- 42	81
PSD-1215D	12	103	+/- 15	+/- 34	83

Dimensions



Derating Graph and Pinning



Pin	Connection		
#	Dual		
1	-	V	Input
3	+	V	Input
7			Common
9	-	V	Output
12	+	V	Output
18			NC

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